



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 8:07 am, Jun 02, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN <u>030-74</u>	PRINTER SN <u>84, 9324, 031</u>	DATE OF INSPECTION <u>5-31-2014</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>1781 Zumbach Rd, St. Charles, Mo. 63303</u>		TIME OF INSPECTION <u>0749 hrs</u>

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL) OK

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C) OK

☒ PRINTER WORKING PROPERLY OK

☒ TIME AND DATE DISPLAYING PROPERLY OK

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Laboratories LOT # 12100 EXP. DATE 7/18/14

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN 502247 SIMULATOR EXP DATE 1/17/2015

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 • .099 TEST 2 • .098 TEST 3 • .099

☒ RFI DETECTOR OPERATING OK

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 0 (0-.04) 2 (.05-.09) 1 (.10-.14) 4 (.15-.19) 5 (OVER .19) 1

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE
P.O. Daniel Allen

TYPE II PERMIT NUMBER/EXPIRATION DATE

230256

196

11/8/2015

PRINT NAME

Daniel Allen

TELEPHONE NUMBER

(636) 929-3300

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

690 NORTH 87th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-564-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 12100 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 20, 2012**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 18, 2014** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 00808

Temp Date Time 210L

Air Blank:

05/31/14 07:49 .000

Calibration Check:

20 05/31/14 07:49 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

1781 Zumbach

St. Charles

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 00810

Temp Date Time 210L

Air Blank:

05/31/14 07:52 .000

Calibration Check:

21 05/31/14 07:52 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

1781 Zumbach

St. Charles, Mo

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 00809

Temp Date Time 210L

Air Blank:

05/31/14 07:50 .000

Calibration Check:

21 05/31/14 07:50 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

1781 Zumbach

St. Charles, Mo

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 00811

Temp Date Time 210L

Void: RFI

12 05/31/14 07:53

Subject Name

Subject I.D.

Operator Name, I.D.

Location

1781 Zumbach

St. Charles, Mo